



Vision: To create an environment where our learners grow as individuals while gaining professional expertise and skills.

Mission: To offer inspiration through advanced instruction and authentic experiences.

Instructor: Christopher Popham.

Email me at christopher.popham@henry.k12.ga.us. Please allow 24 hours for a response.

Conferences can be scheduled via the counselors between 7:45 and 8:15 am.

Intro to Construction/Research

This course is preceded by the Occupational Safety and Fundamentals course. This course offers an opportunity for students to build on their knowledge and skills developed in Industry Fundamentals and Occupational Safety. It introduces them to four construction craft areas and is also the second step towards gaining a Level One Industry Certification in one of the craft areas. The goal of this course is to introduce students to the history and traditions of the carpentry, masonry, plumbing, and electrical craft trades. Students will explore how the various crafts have influenced and been influenced by history. The student will also learn and apply knowledge of the care and safe use of hand and power tools as related to each trade. In addition, students will be introduced to and develop skills to differentiate between blueprints related to each individual craft area.

Course Objectives

AAS associates will

- **Prerequisite:** Completion of the Occupational Safety and Fundamentals course.
- **Build on existing knowledge** from Industry Fundamentals and Occupational Safety.
- **Introduce four construction craft areas:** carpentry, masonry, plumbing, and electrical.
- **Provide a historical perspective** on each craft, exploring their history and influence.
- **Teach safe use and care** of hand and power tools specific to each trade.
- **Develop skills** to differentiate between blueprints for each craft area.

Required Supplies

- Fully charged Chromebook
- Chromebook charger
- Steel-toe boots/ close toe shoes
- Work clothes/ Belts/ Appropriate shirts/ Jeans(no holes)
- Writing utensil
- Notebook paper and folder
- DOT Safety glasses
- Hearing protection
- Hat/ Headcovering
- No cell phones

Expectations for Academic Success

- Attend class daily.
- Be prepared for class.
- Respect yourself and others.
- Ask questions.
- Contribute new ideas.
- Work hard, and give your best effort.

Grade Calculation

Summative Assessments = 40%	Formative Assessments = 40%
<ul style="list-style-type: none"> ● Authentic learning projects, exams, presentations, essays, labs 	<ul style="list-style-type: none"> ● Practice Work: classwork, homework, quizzes, labs, employability skills
Culminating Final Exam/Project = 20%	
<p>All courses will have a culminating exam or project that assesses associate learning of the semester's course content. This exam/project will be 20% of the overall course grade.</p>	

Attendance

Your presence in class matters.

Make-up Work

Absent associates are required to contact the instructor for make-up work. The associate will have the same number of days as they were absent to complete the make-up work.

Late Work Policy

I give a 5 day grace period. After day five you get a 0

Career and Technical Student Organizations [CTSOs]

In addition to course integration, we will have a once-per-month activity schedule where associates can participate in their CTSOs. *What can associates and their parents expect will occur during this time? In what competitions can associates participate?*